EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(("3383138") or ("4548443") or ("3963080") or ("4332420") or ("4736987")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 14:59
S2	427	(175/102,101,324).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/19 16:02
S3	6	S2 and wobble	US-PGPUB; USPAT	AND	ON	2007/07/19 15:59
S4	145	S2 and bore hole	US-PGPUB; USPAT	AND	ON	2007/07/19 16:35
S5	47	S4 and (tooth or teeth)	US-PGPUB; USPAT	AND	ON	2007/07/19 16:36
S6	50	(("20030219321") or ("20060060383") or ("20060096784") or ("3582138") or ("3583383") or ("3647008") or ("3680645") or ("3724559") or ("3724683") or ("3792869") or ("3797588") or ("3815690") or ("3875751") or ("3992019") or ("4067305") or ("4107882") or ("4155409") or ("4227583") or ("4244628") or ("4281722") or ("4290491") or ("4294319") or ("4410055") or ("4423994") or ("4516937") or ("4586571") or ("4591010") or ("4611438") or ("4637477") or ("4661027") or ("4777850") or ("4840238") or ("4925391") or ("4971486") or ("5060734") or ("5090487") or ("5135058") or ("5144770") or ("5542476") or ("5655607") or ("5678960") or ("5795079") or ("5899647") or ("6015112") or ("6422324") or ("6484820") or ("6648557") or ("6864593") or ("7025551") or ("7182156")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/20 10:58
S7	428	(175/102,101,324).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:01
S8	217	(175/92).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:46
S9	0	(175/175).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 09:46
S10	0	DE-4332113-$.did	US-PGPUB; USPAT	AND	ON	2007/08/17 10:34

EAST Search History

S11	0	DE-4332113-$.did	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:34
S12	0	"DE-4332113-A1.did"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:34
S13	0	"DE-4332113-A1.did"	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/17 10:40
S14	1	("5190353").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 10:42
S15	1	("5340199").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/17 11:02
S16	25291	borehole	US-PGPUB; USPAT	AND	ON	2007/08/17 11:27
S17	34	S16 and (shaft adj journal)	US-PGPUB; USPAT	AND	ON	2007/08/17 11:31
S18	309	S16 and wobbl$	US-PGPUB; USPAT	AND	ON	2007/08/17 11:31
S19	252	S18 drill	US-PGPUB; USPAT	AND	ON	2007/08/17 11:32
S20	240	S19 well	US-PGPUB; USPAT	AND	ON	2007/08/17 11:32
S21	636	(175/107).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/17 14:40
S22	356	(299/31).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 09:49
S23	83	(299/32).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:13
S24	0	(299/385.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:13
S25	125	(299/85.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 11:56
S26	136	(299/108).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 11:57
S27	33396	(bore adj hole) or (borehole) hole	US-PGPUB; USPAT	AND	ON	2007/08/20 13:05
S28	3537	S27 wobble$ or nutat$ or flucate$	US-PGPUB; USPAT	AND	ON	2007/08/20 13:06
S29	170	S28 cut drill	US-PGPUB; USPAT	AND	ON	2007/08/20 13:30

EAST Search History

S30	14904	S27 (planet adj gear) or (sun adj gear)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:31
S31	7943	S30 (bit or teeth)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:31
S32	416	S31 (hydraulic adj motor)	US-PGPUB; USPAT	AND	ON	2007/08/20 13:33
S33	19	S32 convey	US-PGPUB; USPAT	AND	ON	2007/08/20 13:32
S34	10	S32 (wobble$ or nutat$)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
S35	0	S31 (breaker adj rib$)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
S36	596	S31 rib$	US-PGPUB; USPAT	AND	ON	2007/08/20 15:22
S37	162	S36 break$	US-PGPUB; USPAT	AND	ON	2007/08/20 15:41
S38	828	S27 break debris	US-PGPUB; USPAT	AND	ON	2007/08/20 15:42
S39	103	S38 convey	US-PGPUB; USPAT	AND	ON	2007/08/20 15:42
S40	40811	("166").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/08/21 13:12
S41	498409	breaker or break	US-PGPUB; USPAT	AND	ON	2007/08/21 13:13
S42	5803	S40 and S41	US-PGPUB; USPAT	AND	ON	2007/08/21 13:13
S43	3673	S42 (rock or material) remov$	US-PGPUB; USPAT	AND	ON	2007/08/21 13:14
S44	113	S43 reduce (large adj (rock or piece or material))	US-PGPUB; USPAT	AND	ON	2007/08/21 13:16
S45	324	(break$ adj rib) or (rib adj break$)	US-PGPUB; USPAT	AND	ON	2007/08/21 13:18
S46	1	S45 S40	US-PGPUB; USPAT	AND	ON	2007/08/21 13:19
S47	22143	break$ (rock or material or soil) drill	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
S48	2609	S40 and S47	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
S49	729	S48 convey$	US-PGPUB; USPAT	AND	ON	2007/08/21 13:20
S50	72	S49 (rib4 or baffle$)	US-PGPUB; USPAT	AND	ON	2007/08/21 13:21
S51	1	("4796713").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:59